: 4256/2017-18.

. ಮುಖ್ಯ ಕಾರ್ಯ ಪಡೆದ ನಾಯಕ ಕೆ. ಪಿ. ಜಿ.
ಬಿಡಿಸಿದೆ.

ಹಂಚಿ 425501/005 425600
ಪೈಕಿ ಕೆಲಸ ಮಾಡಿದೆ.

Executive Engineer 9/11
Byatarayanapura Division
Yalahanka Zone, B.B.M.P.
Bangalore-560 092.
09/11

Work code - 006-18-000019

425501

M. A. R. 57 (Rule 116)
Measurement Book

No. BEST Cost Rs. 50.00 Copy

Serial No. Construction of Rcc Drain in R.K. Hegde Nagara

Name of Work Surrounding From Area in To Ward No. 06.

Name of Contractor of nature of Agency Executive Engineer.

Date of commencement of work KRIDL. 17th c Main Road. 3rd y Block

Dimensions Rajaji Nagara

Date	Full description, etc, of work	Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Work order No.-	BBMP	EE	BTP	WO	42 | 2017-18. dated: 23.12.17	
(1)	Earthwork Excavation in manual means in ordinary Soil Soil involving an average throw upto 2 meters and an average lift upto 0.50 mtr excavated sufficient sides neatly and sides neatly dressed the disposed earth to be reused after breaking of clods compose as per specification Rate: 86-92	As per the measurement recorded vide page No: 425552 to 425553 in this MB.				375.87 m³ limit 365.87	~~37801-0~~ ~~32670-62~~ 375.87 M³ 32670-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(2)	Providing and laying in position Plain Cement Concrete M Mix M 1:4:8 with opc cement as per IS 269 with normal and down size graded granite metal Coarse aggregate as 0.892 cum and fine aggregate as 0.57 cum making mixed Concrete laid in layers not exceeding 15cms thick well Compacted in foundation and plinth including cost of all materials Labour Hoisting & measuring curing Complete as per Specification. As per Pre. Measurement recorded vide Page No. 425553 to 425556 in this MB. Rate. 5159:02					155.32 M^3	801298:98

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(3)	Providing and Cons masonry in foun dressed in Course apart in each Course Course as per S As per Pre. 425556 to Rate - 4438:2

Depth 6	Contents 7	Reference to last Measurement 8
	1 Plain Cement Concrete	
	1:8:16 by Wash Hammer	
	Coarse Aggregate	
	as 0.5 Cum Machine	
	exceeding 15 cms thick	
	Cusing including Cost &	
	curing Complete	
	Ref vide Page No.	
	155.32 M³	801298:98

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425502

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(3)	Providing and Constructing Granite/Trap/ Basalt Size Stone Masonry in foundation with cement Mortar 1:6 Stone hammer dressed in Course not less than 20 cm with bond stones at 2 mts apart in each course including Cost & necessary Cofferdam curing Complete as per Specification.						
	As per Pre. measurement recorded vide Page no. 425556 to 425556 in this MB.					23.44 M³	
	Page - 4438:22						104031:87

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(4) Providing and constructing Granite/Hap/Basalt Stone Masonry in basement with cement Mortar 1:6 edges & Stone Cuttable dressed in courses in course not less than 15cms high and Stones as 2.0 Mtr apart in each course including cost & necessary labour curing complete as per specification.						
	(1) 5th cross	2	7.20	0.50	0.45	3.24	
	(2) 2nd Main	2	7.00	0.50	0.45	3.15	
	(3) 4th Cross MBK Stone	2	6.20	0.50	0.45	2.79	
	(4) New Shanthi Nagara 1st cross	2	5.00	0.50	0.45	2.25	
						15/01/18	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
	(5) Cross Road	2
	(6) Cross Road	2
	(7) Cross Road	2
	Rate · 5305 : 30	
	(5) Providing and carr... preparing cbe... cut... sides & & beams ... transporting and lowe...	

K

pth 6	Contents 7	Reference to last Measurement 8
	se / mop / basalt size	
	cement Mortar 1:6	
	courses in course not	
	s 2.0 mtr apart in	
	ials Labour curing	
45	3.24	
45	3.15	
45	2.79	
45	2.25	
	15/01/18	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425503

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	⑤ Cross Road	2	6.00	0.50	0.45	2.70	
	⑥ Cross Road	2	6.10	0.50	0.45	2.74	
	⑦ Cross Road	2	6.05	0.50	0.45	2.72	
	Rate - 5305 : 30					19.53 m^3	103612 : 50
					15/01/18		
	⑤ providing and removing centering shuttering straining preparing use and removal of form work for slab and beams beam haunchings cantilever girders transverses and lintels not exceeding 1.0 mtr in depth including						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(9)	Providing TMT Steel Reinforcement Strengthning for RCC work including bending hooking placing in position Capping and or welding wherever required tying with binding wire abandoning to the adjoining members wherever necessary complete as per design (Caps hooks and wastage shall not be measured and paid) Cost & Necessary labour complete as per specification As per Pre. measurement recorded vide Page No.. 425559 to 425561 in this MB. Rate - 64243 : 42					9.90 TON	636009 : 8

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
(10)	providing and 8 nos made o 165 MM respecti CM 1:3 Plastered including cost loading unload I st Main 5 M cr 8/2/2018 Rate - 331 : 78

OOK

Depth 6	Contents 7	Reference to last Measurement 8
...ent for RCC work including ...ding strengthening cutting ...sion Capping and curing ...ending come abandonment ...never necessary Complete ...passage shall not be measu... ...n Complete as per Specifica... recorded vide Page in this MB. 9.90 Ton		636009:8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425509

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
10	Providing and fixing Pre Cast Solid Cement Concrete Kerb Stones made out of CC 1:2:4 with top and bottom width 115 and 165 mm respectively 400 mm high and 450 mm in length finished with CM 1:3 Plastered and finishing cutting including Cost of all materials Cost on hire charges of machinery loading unloading Lead and Lift transportation etc. Complete.						
	I st Main 5th cross						
8/2/2018	L. side	436	-	-	-	436 Nos	
	R. side	432	-	-	-	432 Nos	
Rate: 331:78						868 Nos	287985:04

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	–	0.30	9.00	
		1	26.80	–	0.30	8.04	
						113.43 M^2	
	Rate - 43:46						4929 :66
(12)	Providing and Applying Painting two coats (excluding Priming Coat) on new wood Surface and on wood based Surface and on old enamel Paints to give an even shade cleaning the Surface of dirt dust and Grease Rubber Sand Papering including cost & Necessary.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	I st main 5 th cross Right side.

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
	0.30	9.00	
	0.30	8.04	
		113.43 M²	
			4929=66

Two coats (excluding
[illegible]ace and on wood based
[illegible] to give an even
[illegible] dirt dust and [illegible]
[illegible] coat & measurement.

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425511

Serial No. ....

Name of Work .... From.................................. To..................................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	I st main 5 th cross Right side.	1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	11.80	-	0.30	3.54	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	-	0.30	9.00	
		1	11.80	-	0.30	3.54	
	Left side -	1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
	C/FC 29.54 10/2/28	1	30.00	-	0.30	9.00	
		1	2.00	-	0.30	0.60	
		1	7.50	-	0.30	2.25	
	10/2/18	1	30.00	-	0.30	9.00	
		1	30.00	-	0.30	9.00	
		1	26.80	-	0.30	8.04	
	Rate · 89:04					113.43 M²	10099:8

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
(13)	Precast slab 20 mm reinforcement incl mixed concrete l well compacted curing complete as p all costs & materials I st Main 5th Cross Right side.	

C/F
27/2

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
	0.30	9.00	
	0.30	3.54	
	0.30	9.00	
	0.30	9.00	
	0.30	9.00	
	0.30	0.60	
	0.30	2.25	
	0.30	9.00	
	0.30	9.00	
	0.30	8.04	
		113.43 M²	10099 = 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425512

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(13)	Precast slab 20mm and down size for slab including steel reinforcement including carrying and shuttering machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour T&P & measuring Curing complete as per specification. CC 1:1.5:3 including all cost & materials to construct RCC Pre cast slab.						
	I st Main 5 M cross						
	Right side.	1	30.00	0.90	-	27.00	
		1	30.00	0.90	-	27.00	
						27/2	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Left side -	1	30.00	0.90	-	27.00	
		1	30.00	0.90	-	27.00	
		1	30.00	0.90	-	27.00	
		1	30.00	0.90	-	27.00	
		1	11.80	0.90	-	10.62	
		1	30.00	0.90	-	27.00	
		1	30.00	0.90	-	27.00	
		1	30.00	0.90	-	27.00	
		1	2.00	0.90	-	1.80	
		1	7.50	0.90	-	6.75	
		1	30.00	0.90	-	27.00	

C&FC 87.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	C&FC 29.55 Nos 10/2/2018 Missing Slab
	Rate 1856:67
(14)	Providing and Co... down size granite... works laid in 15 C...

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.90	-	27.00	
0.90	-	27.00	
0.90	-	27.00	
0.90	-	27.00	
0.90	-	10.62	
0.90	-	27.00	
0.90	-	27.00	
0.90	-	27.00	
0.90	-	1.80	
0.90	-	6.75	
0.90	-	27.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425513

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	C/F 29957.50 10/2/2018	1	30.00	0.90	-	27.00	
		1	26.80	0.90	-	24.12	
	Missing Slab	23	0.90	0.60	-	12.42	
						352.71 m^2	10/2/18
	Rate: 1856:67						654866:07
(14)	Providing and laying cement concrete using 20 mm and down size granite jelly & Ready mixed Concrete (RMC) for RCC works laid in 15 cms service layers and were compacted vibrating						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Curing finishing with necessary cement Mortar formm Works and Scaffolding to with Stand Pumping & Concrete with all Lead and Lift etc.. complete Excavation & Cart & Steel and Reinforcement complete Ready mixed cement Concrete M 20 for Post foundation Column footing Main and Secondy Beams etc complete						
	I st Main 5 th cross						
		1	15.00	$\frac{(7.30+7.20)}{2}$	x 0.12	13.05	
		1	15.00	$\frac{(7.20+6.90)}{2}$	x 0.12	12.69	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	C & FC 14/2/20
	2nd cross -
	Page · 6231 : 74

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
Bearing Corners Mortar			
g to w, Stand Pumping			
nd wer ese.. Concrete			
nd Reinforcement Cement			
ete M 20 Ser Rest Beam			
econdy Beams ese. Concrete			
.30+7.20)			
2 x0.12		13.05	
.20+6.90)			
2 x0.12		12.69	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425514

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	C & RC	1	15.00	(6.90+7.15)/2	x0.12	12.64	
	29 Slabs	1	15.00	(7.15+7.20)/2	x0.12	12.91	
	14/2/2018	1	15.00	(7.20+6.50)/2	x0.12	12.33	
	2nd cross -	1	22.20	(7.0+6.50)/2	x0.12	17.98	
	Drawing 14/2/18					79.20 M	493553:80
	Rate · 6231=74						

14/02/18

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
6.90	(7.15	105.37	
2			
7.15	7.20)	107.62	
2			
7.20	6.15)	100.12	
2			
7.07	6.50)	149.85	
2			
		590.20 m^2	
2	to	528.00 m^2	
			5037.20

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425516

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(17)	Lead For Disposal of Debris shall be Payable as Carage rates by mechanical means including loading and unloading From 0.00 to 2.00 KM ese.. complete. Quantity vide Item No.				(1)	375.87 m^3	27484:00
	Rate. 73:12				Total Rs.		4497383:00
	C/FC			Add 10% KRIDC	Charges Rs.		449738:00
	299 Thus			Add 1% KRIDC	Charges Rs.		44974:00
					Total Rs.		4992095:00

16/2/2018

16/2/18

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate. ① Certified that the work done Satisfa ② This bill Amount has not been claim in any of Preceding bill.						

Accepted all measurements as per Roll & final settlement.

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Serial No. .....
Name of Work .....
Name of Contractor or nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Hegg

To Bellahalli

To Nagasandra

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
		ad the work done Satisfa	
		ount has not been claim	
		ne curing bill.	

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425517

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	To Bellahalli						
	3rd Main						
					94.50		
	Hegadenagara					191.88	RCC Drain Concrete Road
	2nd cross			92.00	5 Mtrs		
	1st Main Road						
	5 Mtrs						
	To Nanisandra						To Shakarinagara

16/02/18

16/2/2018
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

16/2/18
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

16/2/2018
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 49.92.095-00 ಗಳಿಕೆ ಪಾಸು ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ 4547 80-00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 45373 15-00 Rs: Forty five lakhs thirty seven thousand three hundred fifteen only. ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ ಅಕೌಂಟೆಂಟ್ ಬ್ಯಾಲೆನ್ಸ್ ಶೀಟ್ ಪೂ. ಬೆ. ಮು. 27/02					To Tot Rs: 49,92,095.00 IT- 99842-00 Cess- 49921-00 CBF- 4992-00 LR- 50420-00 FSD- 249605-00 Addu- 454780-00 Chargs: 45,37,315-00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	